

Notice of Allowability

Application No.

10/057,157

Examiner

Michael J. Simitoski

Applicant(s)

BAILEY, RONN H.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to response to non-final of 3/13/2006.
2. ☒ The allowed claim(s) is/are 1,4-11 and 13-15.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

James H. Louie
JAMES H. LOUIE
PATENT EXAMINER

DETAILED ACTION

1. Claims 1, 4-11 & 13-15 are pending.

Allowable Subject Matter

2. Claims 1, 4-11 & 13-15 are allowed.
3. The following is a statement of reasons for the indication of allowable subject matter:

Regarding claim 1, **Kelley** discloses an authenticator broker system/password program to intercept and redirect the identifier and secret authenticator/password (col. 6, lines 5-9) of a prospective user from the local computer system (col. 6, lines 5-9 & col. 7, lines 26-39), an authenticator broker file/password alias file (Table 1) communicating with said authenticator broker system/password program and having stored therein the secret authenticators/passwords corresponding to the personal identifiers entered by the prospective users at the local computer system, whereby a prospective user can gain access to a system when the authenticator entered by the prospective user matches the authenticator stored in said authenticator broker file/alias file (col. 5, line 56 – col. 6, line 4 & col. 7, lines 26-39), and a decoy authenticator file/password alias file (col. 5, line 56 – col. 6, line 4 & Table 1) communicating with the authenticator broker system to assign a decoy authenticator/real password for the secret authenticator/virtual password entered by the prospective user at the local computer system (col. 5, line 56 – col. 6, line 4 & Table 1). **Raduchel** teaches that centralizing authentication to local machines provides the benefit of easier control over the local computers' access and use (col. 2, lines 14-20, lines 28-33, lines 46-51 & lines 62-64). **Sitaraman** teaches that continuously requesting access to a central server is a burden for authenticating users (col. 2, lines 7-13) and that one solution is to

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include a local cache having at least one user record which is updated in response to network access events (col. 2, lines 38-48) that originate at the central authentication server (col. 4, lines 25-37 & col. 7, lines 14-36). However, the prior art relied upon fails to teach or suggest a replacement identifier being randomly assigned by the mapping file/alias file for the identifier entered by the prospective user and intercepted by said authentication broker system, in combination with the other limitations of the claim.

Regarding claim 9, **Stallings** discloses intercepting the secret authenticator/Pc entered by the authorized user/user on C at a local computer system/C and forwarding the secret identifier/Pc to an authenticator broker system/Authentication Server (p. 326, (1), (2)), transmitting from the authenticator broker system to the local computer system a decoy password/Ticket in substitution of the secret authenticator of the authorized user/Pc (p. 326, (2), (3)). **Raduchel** teaches that centralizing authentication to local machines provides the benefit of easier control over the local computers' access and use (col. 2, lines 14-20, lines 28-33, lines 46-51 & lines 62-64). However, the prior art relied upon fails to teach or suggest the user accessing a plurality of local computer systems, each local system being identified in an identifier mapped to each decoy password and authenticator, and wherein the identification of a compromised system is determined by the local system identifier, in combination with the other limitations of the claim.

Regarding claim 13, **Kelley** discloses transmitting the user's local identifier and secret authenticator (col. 6, lines 5-9) to an authenticator broker system/password program and associating the secret authenticator/password (col. 6, lines 5-9) with a corresponding mapped identifier/virtual user ID stored on the authentication broker system (col. 6, lines 5-9 & col. 7,

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lines 26-39 & Table 1), verifying on the authentication broker system the mapped identifier with the secret authenticator to authenticate the user (finding the correct virtual user ID and password combination) (col. 6, lines 5-9 & col. 7, lines 26-39), retrieving a decoy authenticator/virtual password and returning the decoy authenticator and the verification of the user to the local computer (col. 6, lines 5-9 & col. 7, lines 26-39) and associating the decoy authenticator with the local identifier at the local computer (using the virtual password). **Raduchel** teaches that centralizing authentication to local machines provides the benefit of easier control over the local computers' access and use (col. 2, lines 14-20, lines 28-33, lines 46-51 & lines 62-64). However, the prior art relied upon fails to teach or suggest assigning a random replacement identifier for the local identifier entered by the user during sign on, in combination with the other limitations of the claim.

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael J. Simitoski whose telephone number is (571) 272-3841. The examiner can normally be reached on Monday - Thursday, 6:45 a.m. - 4:15 p.m.. The examiner can also be reached on alternate Fridays from 6:45 a.m. - 3:15 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jacques Louis Jacques can be reached at (571) 272-6962.

Any response to this action should be mailed to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Or faxed to:

(571) 273-8300

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(for formal communications intended for entry)

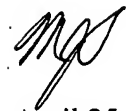
Or:

(571) 273-3841 (Examiner's fax, for informal or draft communications, please label "PROPOSED" or "DRAFT")

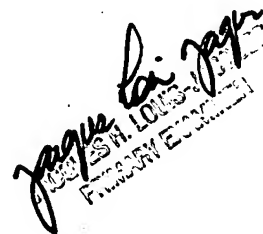
Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (571) 272-2100.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

MJS



April 25, 2006



JACQUES L. JAGER
JLJ
F. 10/15/06
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